



I. AMENDMENTS TO THE CLAIMS:

1. (Currently Amended) Multilayer manufactured articles consisting essentially of:
 - A) a layer consisting of thermoprocessable copolymers of ethylene with chlorotrifluoroethylene, and/or tetrafluoroethylene, and with acrylic monomers of formula:
$$\text{CH}_2=\text{CH}-\text{CO}-\text{O}-\text{R}_2 \quad (\text{a})$$
wherein R_2 is a hydrogenated radical from 1 to 20 carbon atoms, of alkyl, linear or branched type, cycloalkyl type, or H; R_2 optionally contains Cl, O, N and/or one or more functional groups selected from -OH, -COOH, epoxide, ester or ether; wherein the (a) monomer amount is in the range of 0.01-15% by moles with respect to the sum of the monomers of ethylene and of CTFE and/or TFE and optionally containing additives selected from fillers, lubricants, pigments, fire retardants, plasticizers, and thermal and UV stabilizers; and
 - B) a layer consisting essentially of polyamides having an amount of $-\text{NH}_2$ end groups in the range of 40-300 $\mu\text{eq/g}$ and optionally containing additives selected from fillers, lubricants, pigments, fire retardants, plasticizers, and thermal and UV stabilizers;
- wherein there is adhesion between the layers of A) and B).

2. (Canceled)

3. (Previously Presented) Multilayer manufactured articles according to claim 1, wherein the thermoprocessable copolymers of layer A) are formed by:

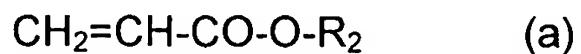
- from 10 to 70% by moles of ethylene;
- from 30 to 90% by moles of a fluorinated monomer selected from tetrafluoroethylene, chlorotrifluoroethylene, or mixtures thereof;
- from 0.05% to 15% by moles of the acrylic comonomer (a) referred to the sum of the previous monomers.

4. (Previously Presented) Multilayer manufactured articles according to claim 1, wherein layer A) is formed by a blend of the copolymers of layer A) and the same copolymers without the acrylic monomer, provided that the blend contains an amount of acrylic monomer (a) in the range 0.01% - 15% by moles with respect to the total sum of the monomers of ethylene and of CTFE and/or TFE of the blend.

5. (Previously Presented) Multilayer manufactured articles according to claim 1, wherein the polyamides of layer B) are formed by a blend of polyamides having different contents of -NH₂ end groups provided that the blend contains an amount of -NH₂ end groups higher than 40 μeq/g.

6. (Currently Amended) Multilayer manufactured articles comprising at least:

A) a layer consisting essentially of thermoprocessable copolymers of ethylene with chlorotrifluoroethylene, and/or tetrafluoroethylene, and with acrylic monomers of formula:



wherein R_2 is a hydrogenated radical from 1 to 20 carbon atoms, of alkyl, linear or branched type, cycloalkyl type, or H; R_2 optionally contains Cl, O, N and/or one or more functional groups selected from -OH, -COOH, epoxide, ester or ether; wherein the (a) monomer amount is in the range of 0.01-15% by moles with respect to the sum of the monomers of ethylene and of CTFE and/or TFE, blended with the same copolymers without the acrylic monomers, provided that the blend contains an amount of acrylic monomer (a) in the range 0.01% - 15% by moles with respect to the total sum of the monomers of ethylene and of CTFE and/or TFE of the blend; and

B) a layer based on polyamides having an amount of $-\text{NH}_2$ end groups lower than 40 $\mu\text{eq/g}$, blended with 0.01-5% by weight of one or more diamines;

wherein there is adhesion higher than 10 N/mm between the layers of A) and B).

7. (Currently Amended) Multilayer manufactured articles according to claim [[2]] 6, wherein the diamines are selected from the group formed by hexamethylendiaminecarbamate, N,N'-dicinnamylidene-1,6 hexandiamine, dodecyldiamine and decyldiamine, para-xylylendiamine.

8. (Previously Presented) Multilayer manufactured articles according to claim 1, wherein on the top of layer A) a layer A1) is placed based on copolymers of ethylene with chlorotrifluoroethylene, and/or tetrafluoroethylene, not containing the acrylic monomer (a), and/or on the top of layer B), a layer B1) is placed based on polyamide having an amount of -NH₂ end groups lower than 40μeq/g.

9. (Previously Presented) Multilayer manufactured articles according to claim 1, in the form of sheath-core fibers.

10. (Previously Presented) Fuel lines formed by multilayers according to claim 1, wherein at least the internal layer in contact with the liquid fuel is made conductive by incorporation of graphite and/or carbon black.

11. (Previously Presented) Multilayer manufactured articles according to claim 1, wherein the layer based on polyamides has an amount of -NH₂ end groups in the range of 45-150 μeq/g.

12. (Previously Presented) Multilayer manufactured articles according to claim 3, wherein the thermoprocessable copolymers of layer A) are formed by 35 to 55% by moles of ethylene.

13. (Previously Presented) Multilayer manufactured articles according to claim 3, wherein the thermoprocessable copolymers of layer A) are formed by 45 to 65% by moles of a fluorinated monomer selected from tetrafluoroethylene, chlorotrifluoroethylene, or mixtures thereof.

14. (Previously Presented) Multilayer manufactured articles according to claim 3, wherein the said fluorinated monomer is chlorotrifluoroethylene (CTFE).

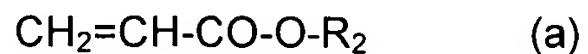
15. (Previously Presented) Multilayer manufactured articles according to claim 3, wherein the acrylic monomers comprise n-butylacrylate.

16. (Previously Presented) Multilayer manufactured articles according to claim 6, wherein layer B) is blended with 0.1-2% by weight of one or more diamines.

17. (Currently Amended) Multilayer manufactured articles according to claim 1, wherein the fillers of layer A) and/or the fillers of layer B) are selected from polytetrafluoroethylene (PTFE), silicates, graphite, and carbon black.

18. (New) Multilayer manufactured articles comprising at least:

A) a layer formed by a blend of thermoprocessable copolymers of ethylene with chlorotrifluoroethylene, and/or tetrafluoroethylene, and with acrylic monomers of formula:



wherein R_2 is a hydrogenated radical from 1 to 20 carbon atoms, of alkyl, linear or branched type, cycloalkyl type, or H; R_2 optionally contains Cl, O, N and/or one or more functional groups selected from -OH, -COOH, epoxide, ester or ether; wherein the (a) monomer amount is in the range of 0.01-15% by moles with respect to the sum of the monomers of ethylene and of CTFE and/or TFE, with the same copolymers without the acrylic monomers, provided that the blend contains an amount of acrylic monomer (a) in the range 0.01% -15% by moles with respect to the total sum of the monomers of ethylene and of CTFE and/or TFE of the blend; and

B) a layer based on a polyamide having an amount of $-\text{NH}_2$ end groups in the range 40-300 $\mu\text{eq/g}$, and wherein the polyamide containing one or more diamines.